a plus sign (+) inside this box -

ute for form 1449A/PTO

Sheet

PTO/SB/08A (08-00)

Approved for use through 10/31/2002. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

TATEMENT BY APPLICAN I

Complete if Known			
Application Number	09/990,102		
Filing Date	November 21, 2001		
First Named Inventor	Nark Akeson		
Group Art Unit	1654		
Examiner Name	Unassigned		
Attorney Docket Number	UCAL-199		

			U.S. PATENT DOCU	MENTS	
Examiner Initials'	Cite No. ¹	U.S. Patent Documents Number Kind Code ² (if known)	Name of Patentee or Applicant of Cited Documents	Date of Publication of Cited Document MM-DD-YYYY	Pages, columns, lines, Where Relevant Passages or Relevant Figures Appear
FG		5,760,190	Cigan et al.	06-02-1998	

1

		FC	REIGN PATENT DOCUME	NTS		
Examiner Initials'	Cite No. ¹	Foreign Patent Documents Office ³ Number ⁴ Kind Code ⁵ (<i>If known</i>)	Name of Patentee or Applicant of Cited Documents	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
fl		WO 96/29593	Harvard College	09-26-1996		
A		WO 01/18251	Deamer; University of California	03-15-2001		
22		WO 01/42782	Harvard College	06-14-2001		

· ·	OTHER PRIOR ART—NON PATENT LITERATURE DOCUMENTS				
Examiner Initials*	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.			
SC		BURGES et al., "A Tutorial on Support Vector Machines for Pattern Recognition" Data Mining and Knowledge Discovery, Kluwer Academic Publishers, Netherlands, 2(2):121-167 (1998)			
SE		DEAMER et al., "Characterization of Nucleic Acids by Nanopore Analysis" Acc. Chem. Res. 35:817-825 (2002)			
CC		DEAMER et al., "Nanopores and nucleic acids: prospects for ultrarapid sequencing" Trends in Biotechnology 18:147-151 (April 2000)			
CE		VERCOUTERE et al., "Rapid discrimination among individual DAN hairpin molecules at single-nucleotide resolution using an ion channel" <i>Nature Biotechnology</i> , 19:248-252 (March 2001)			

Examiner Signature	Low Lend	Date 4/03	

^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Unique citation designation number. ²Applicant is to place a check mark here if English language Translation is attached.